

What is network infrastructure under License Exception ENC 740.17(b)(2)(i)(A)?

A 'network infrastructure' commodity or software is . . .

Any "end item," commodity or "software" for providing one or more of the following types of communications:"





- (a) Wide Area Network (WAN);
- (b) Metropolitan Area Network (MAN);
- (c) Virtual Private Network (VPN);
- (d) Satellite;
- (e) Digital packet telephony/media (voice, video, data) over Internet protocol;
- (f) Cellular; or
- (g) Trunked.

Note 1 to paragraph 2: 'Network infrastructure' end items are typically operated by, or for, one or more of the following types of end users:

- (1) Medium- or large- sized businesses or enterprises;
- (2) Governments;
- (3) Telecommunications service providers; or
- (4) Internet service providers.

Note 2 to paragraph 2: Commodities, software, and components for the "cryptographic activation" of a 'network infrastructure' item are also considered 'network infrastructure'

Only one of the 'Network infrastructure' criteria (740.17(b)(2)(i)(A)) should apply to a product. Below is a chart summarizing the type of product and criteria that applies to items using over 80 bit cryptography.

<i>WAN, MAN, VPN, backhaul and long-haul products</i>		Aggregate encrypted WAN, MAN, VPN, backhaul or long-haul throughput equal to or greater than 250 Mbps
<i>Satellite infrastructure products</i>		Transmission over satellite at data rates exceeding 10 Mbps
<i>Media gateways and other unified communications (UC) infrastructure products</i>		Media encryption or encrypted signaling to more than 2,500 endpoints
<i>Terrestrial wireless infrastructure products</i>		Air interface coverage exceeding 1,000 meters with transmission data rates exceeding 10 Mbps or more than 30 full duplex voice channels